

ZDUNKIEWICZ, Marian, mgr inz.

Problem of yield in the tube rolling plant of the B. Bierut Iron Works. Wiad hut 15 no.9:261-267 S '64.

ZDUNKIEWICZ, Marian, mgr inz.

Pipes with spiral intermittent weld. Wlad hut 19 no.7/8:  
204-209 J1/Ag '63.

ZDUNKIEWICZ, Marian (Engineer)

"Walcowanie stali na zimno" (Cold-Rolling of Steel)

SO: Wiadomosci Hutnicze (Metallurgical News), No. 3

ZDUNKIEWICZ, Marian, mgr.inz.

Economical effect of technological progress and the profitability  
of plants. Wiad hut 17 no.7/8:233-236 J1-Ag '61.

ZDUNKIEWICZ, Marian, mgr inz.

Profiling techniques of seamless pipes. Wiad hut 21 no.3:78-83  
Mr '65.

L 04024-67 T-2/EWP(h)

ACC NR: AP6026289

(A, N)

SOURCE CODE: PO/0069/66/000/007/0581/0585

AUTHOR: Zdunowski, J. (Major, Doctor); Sitarz, A. (Major, Doctor); Kowalik, M. (Major, Doctor)

ORG: none

44  
B

TITLE: Evacuation of wounded in Mi4 helicopter

SOURCE: Lekarz wojskowy, no. 7, 1966, 581-585

TOPIC TAGS: medical equipment, military medicine, helicopter, passenger aircraft

ABSTRACT: The Mi4 helicopter can transport eight litter cases and a medical corpsman. The authors present a standard operating procedure for the evacuation of litter cases from points at or near the front line. They discuss the relatively simple modification of the cabin of a standard troop carrier version, the placement of litter suspension belts, oxygen tanks, medicine chest and other equipment, the litter loading procedure and sequence, the preparation of the evacuees, in-flight functions of the corpsman, and the unloading procedure. Orig. art. [26]

SUB CODE: 01, 06/ SUBM DATE: 03Dec65/ ORIG REF: 006/ OTH REF: 001/ SOV REF: 001

Card 1/1 mt

ZDUNSKA, A.

Second Conference on Experimental Antineoplastic Chemotherapeutics.  
Wiad chem 16 no.11:710-711 N '62.

ROLSKI, Stanislaw; ZDUNSKA, Alina

Separation of L-histidine from hydrolysates of dehydrated bovine blood  
by means of 3,4-dichlorobenzenesulfonic acid. Acta pol. pharm. 19  
no.5:427-430 '62.

1. Z Katedry Chemii Farmaceutycznej Akademii Medycznej w Warszawie  
Kierownik: prof. dr S. Rolski.  
(PROTEIN HYDROLYSATES) (HISTIDINE) (SULFONIC ACIDS)

ZDUNSKA, ALINA

TULCZYNSKI, Marian; ROLSKI, Stanislaw; ZDUNSKA, Alina; SAGANEK, Barbara.

Treatment of Addison-Biermer's anemia with placental extract. Polski tygod. lek. 12 no.21:781-783 20 May 57.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Białymstoku; kierownik: prof. dr. med. Tulczyński i z Zakładu Chemii Farmaceutycznej A. M. w Warszawie; kierownik: prof. dr. farm. S. Rolski. Adres: Warszawa, ul. Lekarska 11.

(ANEMIA, PERNICIOUS, therapy,  
placental tissue ther. (Pol))

(TISSUE THERAPY, in various diseases,  
anemia, pernicious, placental extract (Pol))

ROLSKI, Stanislaw; ZDUNSKA, Alina; POPKO, Alina

Studies on L-leucine hydrochloride compounds. Acta pol. pharm.  
20 no.2:141-145 '63.

1. Z Katedry Chemii Farmaceutycznej Akademii Medycznej w  
Warszawie Kierownik: prof. dr St. Rolski.  
(LEUCINE) (CHEMISTRY, PHARMACEUTICAL)

ROLSKI, Stanislaw; ZDUNSKA, Alina; ILIASZENKO, Janina; OSICKA, Anna

New method for the isolation of L-leucine from protein hydrolysates. Acta Pol. pharm. 22 no.3:233-236 '65.

1. Z Zakladu Chemii Farmaceutycznej Akademii Medycznej w Warszawie (Kierownik: prof. dr. St. Rolski).

ROLSKI, Stanislaw; ZDUNSKA, Alina; SOKOLOWSKA, Maria

New method of isolation of L-leucine and L-arginine from keratin hydrolysates. Acta Pol. pharm. 22 no.2:123-127 '65.

1. Z Zakladu Chemii Farmaceutycznej Akademii Medycznej w Warszawie (Kierownik: prof. dr. S. Rolski).

SONKA, J.; KRIZEK, V.; STEPANEK, P.; KUCEROVA, M.; ZBIRKOVA, A.;  
ZDVINAL, J.

Muscle activity and a reducing regimen. Vnitřní lek. 11 no.3:  
245-261 Mr '65

1. Laborator pro endokrinologii a metabolismus, fakulta vše-  
obecného lékařství v Praze (prednosta akademik Josef Charvat);  
Výzkumný ústav pro fyziatrii, balneologii a klimatologii,  
Marianské Lázně (prednosta: prof. Karel Prerovsky, Dr.Sc.) a  
katedra tělesné výchovy Karlovy University, Praha (vedoucí:  
doc. Jiri Jirousek).

Zdybicki, Z.

✓ Composition of Myocastor coypus milk. S. Wójcik and Z. Zdybicki  
 (Acta Univ. M. Curie-Skłodowska 1954, 9, E, 321-325). Mean  
 values are: dry matter 41.5, ash 1.28, Ca 0.163, P 0.121, fat 27.9,  
 proteins 13.7 (caseinogen 9.3, lactalbumin 2.7, lactoglobulin 1.1),  
 lactose 0.45, and lecithin 0.285%, and cholesterol 0.02 and vitamin A  
 0.09 p.p.m. Values for caseinogen are: dry matter 49.4, ash 1.4,  
 org. matter 43.1, total N 2.8, caseinogen 6.1 (albumin + globulin)  
 10.9, fat 23.8, and lactose 0.8%.  
 R. Tausk.

(1)

ZDYBICKI, EDZISLAW

✓Chemical composition of coypu (*Myocastor coypus*) milk.  
Stanisław Wójcik and Edzislav Zdybicki (M.C.S. Univ.,  
Lublin, Poland). Ann. Univ. Mariae Curie-Skłodowska,  
Lublin-Polonia, Sect. B, 9, 321-8 (1964). --Results of chem.  
analysis of milk and colostrum of coypu are given. Milk  
sp. wt. 1.03, dry matter 33.4-42.3, in % matter 1.2-1.5,  
N 1.8-3.4, total protein 11.8-15.1, ca. 0.5-1.1, albumin  
2.1-4.2, globulin 1.0-1.6, fat 20.1-31.4, lecithin 0.3,  
lactose 0.2-1.1, Na 0.3, P 0.1, and total c. matter 40.2%;  
carotene 200 γ, vitamin A 800 γ/100 g. Colo. Tum: sp. wt. 1,  
dry matter 46.4, in % matter 3.3, org. m. 43.1, N 2.9,  
total protein 18.3, albumin 6.8, globulin 10.9,  
fat 33.8, and lactose 0.8% R. Ehrlich

ZDYBIEWSKA, Maria

A review of the more important methods of chemical determination of oxygen needs in water and sewage. Przem chem 41 no.7: 394-397 J1 '62.

1. Katedra Technologii Wody i Sciekow, Politechnika Slaska, Gliwice.

Zdybiewski, Marian

POLAND/Chemical Technology - Chemical Products and Their  
Application - Leather. Fur. Gelatin. Tanning Agents.  
Technical Proteins. I-29

Abs Jour : Referat Zhur - Khimiya, No 9, 1957, 33116

Author : Zdybiewski Marian

Inst :

Title : Tanning with Resins

Orig Pub : Przegl. skorzany, 1956, 11, No 3, 59-62; No 4, 93-96

Abstract : Description of experiments on tanning of dehaired hides with resins, by incorporation of monomers or water soluble polymers into the hide, followed by polymerization within the hide. Methylolmelamines were used in the tanning experiments since they polymerize in the hide at pH 4.8-5.3, which permits to combine this treatment with chrome tanning. The experimental tanning was conducted in accordance with 3 variants: 1) tanning with only the melamine resin, 2) tanning with this resin followed by

Card 1/2

ZDYBIENSKI, M.

Lacquer leather. p. 36.  
PRZETŁAD SKORZANY, Lodz, Vol. 10, no. 2, Feb. 1955.

SO: Monthly List of East European Accessions, (BEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

PALUCH, J.; RADECKA, S.; ZDYBIEWSKA, M.; FILIPOWICZ, J.

Microbiologic characteristics of river reservoir for  
water supply in Koslowa Gora. Acta microb. polon 5 no.1-2:  
173-180 1956.

1. Z Zakladu Badan Wodociagowych i Kanalizacyjnych i Katedry  
Technologii Wody i Sciekow Politechniki Slaskiej w Gliwicach.  
(WATER SUPPLY, microbiology,  
(Pol))

ZDYBLEWSKA, M.

Certain biochemical changes observed in brewery sewage during  
its spontaneous deacidification. Acta Microb.polon. 8:111-113  
1959.

(SEWAGE)

PALUCH, J.; ZDYBIEWSKA, M.

Characteristics of certain bacteria isolated from rapid filters  
in the pumping station in Kozłowa Góra. Acta Microb. polon. 8:67-  
76 1959.

1. Z Katedry Techniki Sanitarnej oraz Katedry Technologii Wody  
i Ścieków Politechniki Śląskiej w Gliwicach.  
(WATER SUPPLY microbiol.)

ZDYBIEWSKI, M.

ZDYBIEWSKI, M. Technical progress in the production of leathers for technical purposes of the textile industry in the 5-Year Plan. p. 38

Vol. 11, no. 2, Feb. 1956  
PRZEGLAD SKORZANY  
TECHNOLOGY  
Lodz, Poland

So: East European Accession Vol. 6, no. 2, 1957

SEVAST'YANOV, R.M. (Moskva); ZDUNKEVICH, M.D. (Moskva)

Thermodynamic functions of a gas mixture at high temperatures,  
nzh. zhur. 4 no.42639-645 '64. (MIRA 1832)

BOBOKHIDZE, O.; ARTAMONOV, L.; ORLOV, A.; ZDYBSKIY, I.; KOVALEV, I.;  
ZUBARSKIY, N.; FRIDMAN, M.

Letters to the editor. Sov.profsoluzy 7 no.23:54-56  
D '59. (MIRA 12:12)

1. Instruktor sovprofa Gruzii (for Bobokidze). 2. Sotrudnik  
gazety "Trudovoy front" (for Artamonov). 3. Zamestitel'  
predsedatelya fabrichno-zavodskogo komiteta Ivanovskogo  
melanzhevoogo kombinata (for Orlov). 4. Zamestitel' predsedatelya  
mestnogo komiteta bazy Tyrny-Auzskogo kombinata Kabardino-  
Balkarskoy ASSR (for Zdybskiy).  
(Trade unions) (Efficiency, Industrial)

ZDYBEK, Jozef

Response of winter rape varieties to certain external factors  
as seen on results of variety tests obtained by Azzi's method.  
Postepy nauk roln 11 no.6:39-48 N-D '64.

ZDYBIEWSKA, Maria

Studies on processes occurring on tower beds in purifying  
phenol sewages from chemical coal processing. Chemia Gliwice  
no.18:1-118 '63.

... were recommended. Authors' abstract.

SUB CODE: HA

ZDZIARSKI, Z.

"Green fodder is the best and cheapest for cattle" p. 21 (plon, Vol. 4, No. 5, May 1953, Warszawa)

SO: Monthly List of ~~Russian~~ Accessions / East European Vol. 3, No. 3 Library of Congress, March 195<sup>4</sup>3, Uncl.

POLAND/Soil Science. Organic Fertilizers

J-6

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 91474

Author : Misterski Wl., Andrzejewski A., Zdzieblowski J.

Inst : Institute of Agrotechny

Title : On the Spreading of Manure in Winter

Orig Pub : Roczn. Nauk. Rolniczych, 1956, A73, No 3, 349-365

Abstract : In field experiments, made with potatoes for four years by the Institute of Agrotechnics, Fertilizers and Soil Science at the Baburuvko experimental farm, similar harvests have been obtained, independent of the time of spreading the manure after the deep autumn plowing. On a four year average, the following harvests of tubers are reported for different times of spreading: January-302 centners/ha, February 302, March 290 and April (with immediate tillage) 294 centners/ha. The same results have already been obtained at three farms with slightly different climatic conditions. Winter application is not permissible on slopes. -- A.I. Zhurbitskiy

Card : 1/1

ZDZIEBORSKI, Zygmunt, inz.

Ways of determining the detonation properties of high-octane  
benzenes and their components of LO above 100. Nafta Pol  
19 no.10:239-241 0 '63.

1. Instytut Technologii Nafty, Warszawa.

ZDZIECH, H.

Automatization of interurban telephone systems. p. 232.  
(TELE-RADIO. Vol. 2, No. 5, May 1957, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957.  
Uncl.

ZDZIECH, H.

Economics of the international telecommunication system. p. 333.  
(TELE-RADIO. Vol. 2, no. 7, July 1957, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957.  
Uncl.

ZDZIECH, H.

Standardization of telegraph apparatus. p. 373.  
(TELE-RADIO. Vol. 2, no. 8, Aug. 1957, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957.  
Uncl.

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**CIA-RDP86-00513R001964210015-2"**

Card 1/2

ZDZIECH, Henryk, mgr inż.

Activities of the Association of Polish Electrical Engineers  
in 1962-1963. Przegl telekom 36 [i.e. 37] no. 6:182-183  
Je '64.

1. Secretary General, Association of Polish Electrical  
Engineers, Warsaw.

ZDZIECH, Henryk, mgr inż.

Jubilee of "Przegląd Elektrotechniczny" and the 16th Convention  
of Delegates of the Association of Polish Electrical Engineers.  
Przegl elektrotechn 40 no.6:250-251 /Je '64

1. Secretary General, Association of Polish Electrical Engineers,  
Warsaw.

ZDZIECH, Henryk, mgr inż.

Plan of activities for 1964 of the Association of  
Polish Electrical Engineers. Przegl tlekom 36 [i.o. 37]  
no. 4: 116-117 Ap '64.

1. Sekretarz Generalny Stowarzyszenia Elektrykow Polskich,  
Warszawa.

ZDZIECH, Henryk, mgr inz.

Activities of the Association of Polish Electrical Engineers during the time between its 15th and 16th General Convention of Delegates. Wlad elektrotechn 32 no.7:183-185 J1 '64.

1. Secretary General, Association of Polish Electrical Engineers, Warsaw.

ZDZIECH, Henryk, mgr inż.

Problems concerning Poland's economic development as connected with the activities of the Association of Polish Electrical Engineers, the main subject of the 16th General Convention of Delegates of the Association of Polish Electrical Engineers in Poznan. Przegl telekom 36 no.10:292-295 0 '64.

1. Secretary General, Polish Electrical Engineers Association, Warsaw.

TOPOLSKA, Paula; ZDZIECHOWSKA, Halina

Some modern isotope studies applied in hematology. Pol. tyg. lek.  
19 no.40:1542-1544 5 0 '64

1. Z Kliniki Choroób Wewnętrznych Instytutu Hematologii (Kierownik: doc. dr. med. S. Pawełski).

LESZKO, Bożena; ZDZIECHOWSKA, Halina

Possible appearance of leukemias following therapeutic or diagnostic use of ionizing radiations. Pol. tyg. lek. 17 no.33:1300-1302 13 Ag '62.

1. Z Oddziału Chorob Wewnętrznych; kierownik: dr. med. S. Pawelski--  
Instytutu Hematologii w Warszawie; dyrektor: doc. dr med. A. Trojanowski.  
(LEUKEMIA RADIATION INDUCED)

PAWELSKI, Slawomir; DAROGHA, Tadeusz; ZDZIECHOWSKA, Halina; KOMALSKI, Henryk,  
KONOPKA, Lech.

Comparison of the diagnostic value of determining the life span  
of erythrocytes labeled with Cr51 and excretion of bile pigments  
in hemolytic syndromes. Pol. arch. med. wewnet. 34 no.9:1245-1250  
'64

1. Z Oddzialu Chorob Wewnetrznych Instytutu Hematologii (Kierow-  
nik: doc. dr. med. S. Pawalski) i z Zakladu Radiologii Akademii  
Medycznej w Warszawie (Kierownik: prof. dr. med. L. Zgliczynski).

ZDZIENICKI, Stanislaw

Studies on the effectiveness of air disinfection with ultraviolet rays. III. Surface effect of ultraviolet rays. Przegl. epidem. 16 no.3:321-324 '62.

1. Z Wojskowego Instytutu Higieny i Epidemiologii.  
(ULTRAVIOLET RAYS) (DISINFECTION) (AIR MICROBIOLOGY)

ZDZIENICKI, Stanislaw; NOWOSIELSKI, Tadeusz

Eggs of gastrointestinal parasites on vegetables from Warsaw  
markets. Wiadomosci parazyt., Warsz. 6 no.1:67-69 '60.  
(VEGETABLES parasitol.)  
(HELMINTHS)

ZDZIENICKI, Stanislaw; DIECHTIAR, Marek

Determining the size of aerosol particles. Przegl. epidem. 15 no.1:  
67-76 '61.

1. Z Wojskowego Instytutu Higieny i Epidemiologii Kierownik: prof.  
dr M.Nikonorow.

(AEROSOLS)

ZDZIENICKI, Stanislaw

Studies on the effectiveness of air disinfection with ultraviolet rays. I. Evaluation of air disinfection with ultraviolet rays in civilian and military hospitals according to an inquiry. Przegl. epidem. 15 no.3:311-323 '61.

1. Z Wojakowego Instytutu Higieny i Epidemiologii.  
(AIR microbiol) (ULTRAVIOLET RAYS) (HOSPITALS)  
(DISINFECTION)

ZDZIENICKI, Stanislaw

Studies on the effectiveness of air disinfection with ultraviolet rays.  
Przegl. epidem. 16 no.1:19-31 '62.

1. Z Wojskowego Instytutu Higieny i Epidemiologii  
(AIR microbiol) (ULTRAVIOLET RAYS) (DISINFECTION)

POLAND

ZDZIENICKI, Stanislaw. Military Institute of Hygiene and Epidemiology (Wojskowy Instytut Higieny i Epidemiologii)

"Study of Efficacy of Ultraviolet Rays in Disinfection of the Air."

Warsaw, Przegląd Epidemiologiczny, Vol 16, No 3, 62, pp 321-334.

Abstract: [Author's English summary modified] Techniques and materials are described. Indirect irradiation did not destroy bacteria, regardless of distance, time, and type of lamp. Best results were obtained when medium and filter were irradiated by low vapor pressure lamps. Author summarizes results of his experiments and questionnaires and makes some recommendations for hospitals. Of the 25 references, 6 are Polish, 5 Soviet, 3 English, and 11 German.

ZDZIENNICKI, T.

"Cold reduction of the diameter of pipes by continuous swaging." p. 282. (HUTNIK, Vol. 20, no. 9, 1953, Katowice, Poland)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1954, Uncl.

18(5), 25(5)

POL/39-59-4-6/14

AUTHOR: Zdziennicki, Tadeusz, Master of Engineering Sciences

TITLE: The Importance of Reduction Rolling Mills in the Production of Seamless Steel Tubes

PERIODICAL: Hutnik, 1959, Nr 4, pp 161-164 (Poland)

ABSTRACT: The author opens with a brief discussion of the merits of reduction mills, especially of the respective merit of hot and cold rolling and of the advantages of rolling over drawing processes. He then goes on to describe the structure of rolling apparatus. There follows a description of three experiments to produce a tube with a diameter of 1/2" by three methods: hot drawing, rolling in a mill without adjustable tension and rolling on a mill with adjustable tension (in this case the number of revolutions of each separate system of rolls can be regulated). The author concludes that rolling is superior to drawing and that rolling on machines where tensions can be adjusted at will can lead to a 50% increase in productivity ✓

Card 1/2

POL/39-59-4-6/14

The Importance of Reduction Rolling Mills in the Production of  
Seamless Steel Tubes

compared to machine where tension cannot be regulated. There are three types of such adjustable rolling mills being made today: two German, made by the firms Kocks and Meer and one American which is produced in Europe under licence by Innocenti of Milan. This American machine the author finds the simplest and cheapest to operate. There are 3 diagrams and 2 photographs

ASSOCIATION: ZHYS - Katowice

✓

Card 2/2

ZDZIENNICKI, T.

Pressing of steel tubes by the Sejournet's method.

(Based on Stahl und Eisen, 1953, No. 11)

By T. Zdziennicki.....

100

SO: Hutnik, #3, Mar 55, pp 77-112.

ZDZIENNICKI, T.

"Zinc plating as affected by impurities and additions of various metals to zinc."  
p. 293. (HUTNIK, Vol. 20, no. 9, 1953, Katowice, Poland)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1954, Uncl.

ZDZIENNICKI, T.

Resistance welding of pipes with high-frequency electric current. p. 186

HUTNIK. (Panstwowe Wydawnictwa Techniczne) Katowice, Poland. Vol. 26, no 5, May 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept. 1959  
uncla.

ZDZIESZYNSKI, L.

Viscose casings for sausages. p. 5

GOSPODARKA MIESNA (Polskie Wydawnictwa Gospodarcze) Warszawa, Poland.  
Vol. 11, no. 5, May 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept 1959  
Uncl.

ZDZIESZYNSKI, L.

Organization of the work in the assembly-line processing of hog casings. p. 10.

GOSPODARKA MIESNA. (Polskie Wydawnictwa Gospodarcze) Warszawa, Poland  
Vol. 11, no. 11, Nov. 1959

Monthly list of East European Accessions. (EEIA) LC. Vol. 9, no. 1,  
Jan. 1960

Uncl.

ZDZIESZYNSKI, L.

How to operate Titan apparatus. p. 5

GOSPODARKA MIESNA (Polskie Wydawnictwa Gospodarcze) Warszawa, Poland.  
Vol. 11, no. 6, June 1959

Monthly List of EastEuropean Accessions (EEAI) LC, Vol. 8, no. 9, Sept 1959  
Uncl.

ZDZISLAW BRZOZOWSKI, A.

Chemical Abst.  
Vol. 48 No. 9  
May 10, 1954  
Biological Chemistry

(1)  
Determination of vitamin A. Zdzislaw Brzozowski. *Farm. Polska* 9, 46-8(1953).—Vitamin A detns. were made on Et<sub>2</sub>O ext. of dry food products (candy, bread, etc.), tissues, organs, and fats. The Et<sub>2</sub>O was evapd., and the residue was dissolved in anhyd. CHCl<sub>3</sub>. To 0.2 ml. of this CHCl<sub>3</sub> soln. 1 drop of glacial AcOH and 2 ml. SbCl<sub>5</sub> were added. After 5-10 sec. the samples were compared in a colorimeter with a set of standards. The following results were obtained: beef liver 30 mg. %; beef kidneys 2-2.5 mg. %; cow summer milk 0.1-0.5 mg. %; cream 0.6 mg. %; egg yolk 2.5-15 mg. %; and cod-liver fat 6.25-27.5 mg. %.  
L. J. Plotrowski

ZDZIENICKI, Stanislaw

Presence of gastrointestinal parasitic eggs in vegetables. Wiadomosci  
parazyt., Warsz. 4 no.5-6:537; Engl. transl. 537-538 1958.

1. Z Wojskowego Centralnego Laboratorium Sanitarno-Higienicznego w  
Warszawie.

(VEGETABLES, microbiology,  
helminth eggs (Pol))

(HELMINTES,  
eggs in vegetables (Pol))

TYNECKI, Jozef; CHIBOWSKI, Daniel; LONGIN, Luty; ZDZISLAW, Kruszynski

A case of congenital toxoplasmosis. Pol. tyg. lek. 17 no.33:1312-1313  
13 Ag '62.

1. Z II Kliniki Chorob Kobietych i Polozniczych AM w Lublinie; kierownik:  
prof. dr med. Jozef Tynecki i z Zakladu Anatomii Patologicznej AM w  
Lublinie; kierownik: prof. dr med. Stanislaw Mahrburg.  
(TOXOPLASMOSIS CONGENITAL)

ZDZISLAW, Wiktor

Etiopathogenesis and clinical aspects of pylonephritis in the light of our observations. Pol. tyg. lek. 17, no.29:1144-1150 16 J1 '62.

1. Z Kliniki Nefrologicanej; kierownik: prof. dr Zdz. Wiktor --  
III Katedry Chorob Wewnętrznych AM we Wrocławiu; kierownik:  
prof. dr E. Szczeklik.

(PYELONEPHRITIS)

~~WILHELM ZDZISLAW, W~~

POLAND/Nuclear Physics - General

C-1

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 5247

Author : Wilhelmi Zdzislaw

Inst : Not Given

Title : Two Years' Activity of the Institute for Nuclear Research  
(of the Polish Academy of Sciences).

Orig Pub : Nauka polska, 1957, 5, No 2, 121-130

Abstract : No abstract

Card : 1/1

ZDZIARSKIY, A.N., glavnyy red.; ISLANT'YEVA, P.G., tekhn.red.

[Classified plan of books and pamphlets to be published during 1958] Tematicheskiy plan vypuska knig i broshur na 1958 god. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1957. 1 v. (MIRA 13:3)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye knizhnoy trgovli.

(Bibliography--Metallurgy)

ZEBALSKI, A.

"A long-term agricultural plan."

p. 723 (Nowe Rolnictwo, Vol. 7, No. 18, Sept. 1958. Warsaw, Poland.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1, Jan. 1959

ZEBALSKI, ADAM.

Produceja ogrodnicza i jej znaczenie dla dobrobytu wsi.  
(1. wyd. Warszawa) Ludowa Spoldzieinia Wydawnicza  
(1955) 151 p. (Garden production and its importance for  
the prosperity of the village. 1st ed.)  
DA Not in DLC

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 5, No. 12, December 1956

ZEBEC, M.

The refractive-index increment of dextran for the molecular-weight determination by light scattering. <sup>5</sup> M. Zebec, G. Debeljic, J. Kratochvil, and K. P. Schuler (Univ. Zagreb, Yugoslavia). *Croat. Chem. Acta* 30, 251-5 (1958) (in English).—On comparing published data for the increment,  $dn/dc$ , of dextran in water, considerable differences were noted at wave length 540 mμ. These differences may cause

serious errors in calcg. mol. wts. of dextran from light-scattering measurements. The following values for  $dn/dc$  were found (in cc./g.):  $0.1518 \pm 0.0012$  for 436 mμ,  $0.1481 \pm 0.0013$  for 546 mμ, and  $0.1476 \pm 0.0013$  for 578 mμ. These values agree very closely with the mean values published in the literature. I. Kratochvil—

ZEBEC, M.; DEZELIC, Gj.; DEZELIC, N.; KRATOHVIL, J.P.

Physicochemical studies of dextran. I. Characterization of clinical samples. Croat chem acta 36 no.1:13-26 '64.

1. Department of Applied Biochemistry, Andrija Stampar School of Public Health, Faculty of Medicine, University of Zagreb, Zagreb. Present address: Clarkson College of Technology, Potsdam, New York, U.S.A. (for Kratochvil); present address: Fuels Branch Research Council of Alberta, Edmonton, Alberta, Canada (for Shula).

YUGOSLAVIA/Chemical Technology - Chemical Products and Their  
Application. Photographic Materials.

H.

Abs Jour : Ref Zhur -- Khimiya, No 10, 1959, 36261

Author : Zebec, H.

Inst :

Title : Photography of Fluorescent Colors, Stimulated by Ultra-  
Violet Radiation.

Orig Pub : Kemija u industriji, 1957, 6, No 5, F20-F22.

Abstract : No abstract.

Card 1/1

Zebek, M.

MD ✓ Influence of the protein and carbohydrate fractions of the Vi-Bathnagar strain of *Salmonella typhosa* on the velocity of diffusion of the anti Vi bacteriophage M. Morzycki, J. Georgiades, and M. Zebek (Państwowy Inst. Med. Morskiej i Tropikalnej, Gdańsk). *Bull. Natl. Inst. Marine and Trop. Med. Gdańsk, Poland* 6, 143-62 (1955). - Diffusion of the bacteriophage anti Vi through semipermeable membranes was not affected by the protein fraction of the bacteriophage, but was increased by the carbohydrate fraction (1:1, 5.1%) but was increased by the carbohydrate fraction (1:1, 5.1%). This toxin of I obtained by separation (7.2, 1.4%). The endotoxin sepd. into 2 polyelectrolyte fractions, the first inhibited (6.4, 20%) while the second increased the diffusion (25.4, 20%). L. I. Piotrowski.

*ZEBEK, MARIA*

MORZYCKI, Jerzy; MORZYCKA, Maria; GEORGIADIS, Jerzy; TOMASZUNAS,  
Stanislaw; RUGA, Jerzy; ZEBEK, Maria

Bacteriologic, bacteriophagic and chemical studies on the  
Warsaw-Ujscie stretch of Vistula. Bull. State Inst. Marine Trop.  
M. Gdansk Vol.5:255-266 1953.

1. Z Panstwowego Instytutu Medycyny Morskiej i Tropikalnej w  
Gdansk.

(WATER,  
\*river pollution in Poland)

ZEBEK, MARIA

/ Bacteriological, bacteriophagic, and chemical investigations of the Vistula River in the section from Warsaw to the river's mouth. II. Jerzy Morzycki, Maria Morzycka, Jerzy Georgiades, Stanislaw Tomaszura, Jerzy Ruge, and Maria Zebek (Państwowy Inst. Med. Morskiej i Tropikalnej, Gdańsk). *Bull. State Inst. Marine and Tropikal-Gdańsk, Poland* 5, 255-60 (1953).—The concn. of free  $O_2$  gave the best index of pollution in the samples of  $H_2O$  taken in the vicinity of bigger settlements, of urban and industrial sewers, and near the mouths of the river's tributaries. No correlation was found between pollution and pH,  $CO_2$ , and Cl concn. (7)  
L. J. Plotrowski



ZEBERA, Karel

Methods of the basic geological survey and mapping of the  
Quaternary mantle formations and metarocks. Geol press  
64:21-26 '63.

1. Central Geological Institute, Prague.

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"The practical meaning of research on Quaternary cover formations and coatings of decomposed rock" p. 5 (Anthropozoikum, Vol. 1, 1951, Praha)

SO: Monthly List of East European Vol. 3, No. 3 Library of Congress, March 195<sup>4</sup><sub>3</sub>, Uncl.

ZEBERA, KAREL

"Les plus anciens monuments du travail humain de Bohème. Prague, Prirodovedecke vydavatelstvi, 1952. (Rozpravy du Service geologique de Tchecoslovaquie, v. 11)  
[Oldest monuments of human activities in Bohemia. In French. Tr. from the Czech. illus., 42 plates, maps (1 fold.), bibl.]

p.72 (Prague, Prirodovedecke vydavatelstvi, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

ZEBERA, K.

A report on the experiences of my study tour which was related to Hungarian quaternary formations. p. 529.

Hungary. Foldtani Intezet. A MAGYAR ALLAMI FOLDTANI INTEZET EVI JELENTESE.  
Budapest, Hungary. Pt. 2, 1953 (published 1955)

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 7, July 1959  
uncla.

ZEBERA, Karel

SURNAME, Given Names

Country: Czechoslovakia

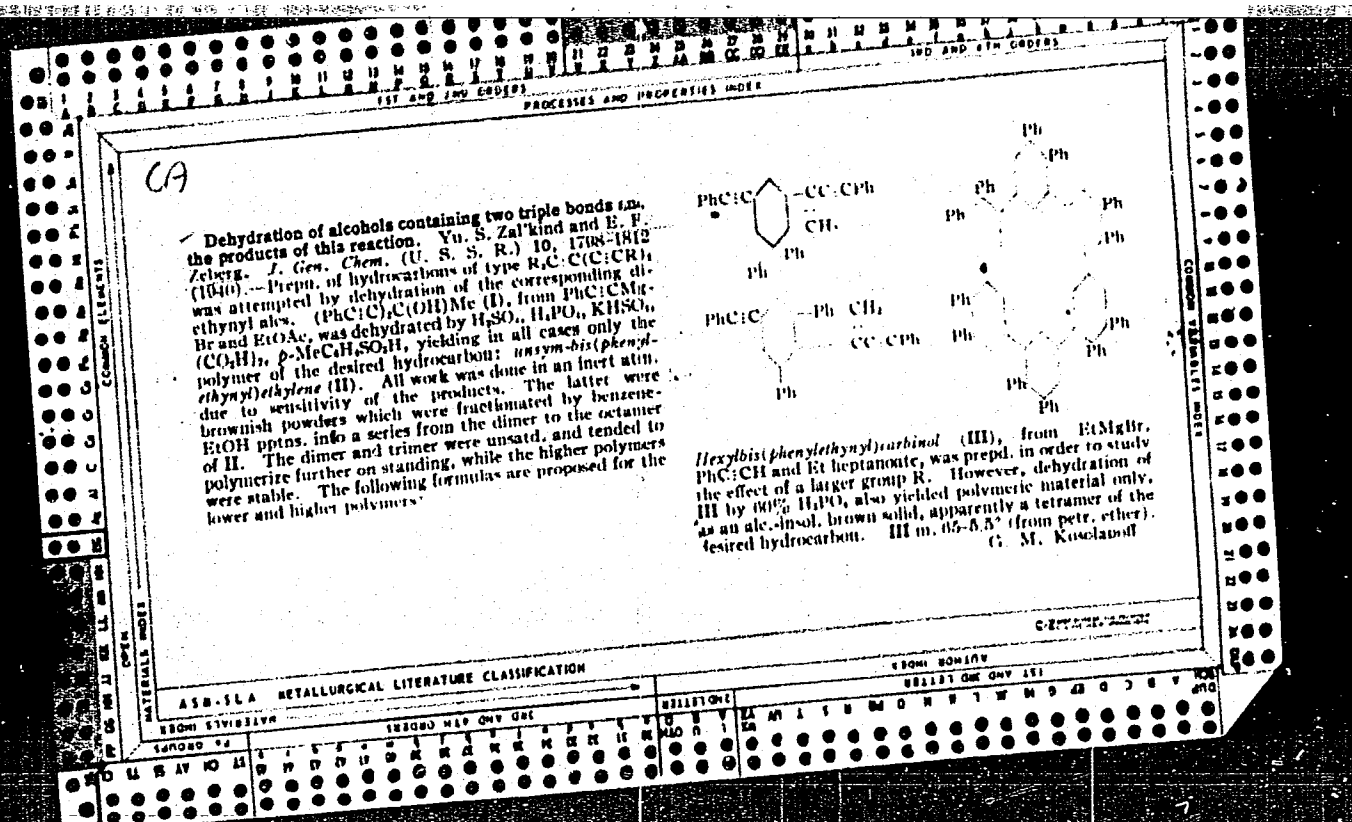
Academic Degrees: /not listed/

Affiliation: Central Geological Institute (Jednotná česká geologická), Prague.

Source: Prague, Věstník Ústředního ústavu geologického, Vol. LXVI, No. 6, Pt. 457-460.

Data: "Early Eocene sediments in Utineves below min." [In German]

GPO 981643



Atomic equilibria in the molecules of hydrocarbons of the series  $\text{CH}_2\text{CCH}_2\text{R}$ . E. P. Zeberg. *J. Gen. Chem.* (U. S. S. R.) 5, 1016-19 (1935); cf. *J. Russ. Phys.-Chem. Soc.* 50, 161 (1918).—Various expts. on the heating of  $\text{CH}_2\text{ClCHClCH}_2\text{Ph}$ , b. 136-8°, b. 242-5°, and  $\text{CH}_2\text{BrCHBrCH}_2\text{Ph}$ , b. 137-11°, with alc. and solid KOH under pressure and in the water bath under atm. and neg. pressures gave only methylphenylacetylene (I), b. 183-3°. The results indicate the instability of the intermediate phenylallene and the instantaneous isomerization of benzylacetylene to I. Chas. Blanc

ZEBERG, E. F.

M. V. Likhoshesterov, E. F. Zeberg, and I. V. Karitskaya - "Studies in the field of furan derivatives. II. Preparation and properties of esters of  $\gamma$ -ketopimelic acid." (p. 635)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1950, Vol. 20, No. 4.

ZEBERG, E. F.

M. V. Likhoshesterov, A. A. Arsenyuk, E. F. Zeberg, and I. V. Karitskaya - "Studies in the field of furan derivatives. I. Preparation and some properties of furylacrolein and furylallyl alcohol." (p. 627)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1950, Vol. 20, No. 4.

Furan derivatives. II. Synthesis and properties of esters of 2-ketopentanoic (3-ketopentanoic) : 5-dicarboxylic acid. M. V. Likhoshchikov, *Izv. Akad. Nauk SSSR, Khim. Nauk*, 1950, 20, 635-640 (U.S. transl., 671-675). -- Ring-fission of furylacrylic acid to  $\text{CO}_2\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$  by gaseous HCl is independent of the alcoholic solvent used. The acid is first esterified, and more HCl then breaks the ring; if insufficient HCl is used, some of the furylacrylate is recovered, but too great an excess of HCl causes resinification.

Passing HCl (from 13 g. of  $\text{NH}_4\text{Cl}$ ) through a solution of furylacrylic acid, m.p.  $140-141^\circ$  (13.8 g.) in  $\text{Pr}^n\text{OH}$  (35 g.) at  $70^\circ$  for 30 min., boiling (2 hr.), removing solvent, and washing with aq.  $\text{Na}_2\text{CO}_3$ , afford  $\text{Pr}^n$ , 3-ketopentanoic-1 : 5-dicarboxylate,  $\text{C}_{13}\text{H}_{22}\text{O}_8$  (22.5 g.), b.p.  $201^\circ/20$  mm.,  $d_4^{20}$  1.0441,  $n_D^{20}$  1.4432 (phenylhydrazone, m.p.  $50^\circ$ ). Analogously prepared are the esters:  $\text{Me}$ ,  $\text{C}_{11}\text{H}_{18}\text{O}_8$ , m.p.  $54^\circ$  (phenylhydrazone, m.p.  $81^\circ$ ),  $\text{Et}$ ,  $\text{C}_{13}\text{H}_{22}\text{O}_8$ , b.p.  $182^\circ/20$  mm.,  $d_4^{20}$  1.0353,  $n_D^{20}$  1.4432 (phenylhydrazone,  $\text{C}_{11}\text{H}_{18}\text{O}_8\text{N}_2$ , m.p.  $63^\circ$ ),  $\text{Bu}^n$ ,  $\text{C}_{15}\text{H}_{26}\text{O}_8$ , b.p.  $216^\circ/20$  mm.,  $d_4^{20}$  1.0179,  $n_D^{20}$  1.4448 (phenylhydrazone, m.p.  $53^\circ$ ),  $\text{Bu}^t$ ,  $\text{C}_{15}\text{H}_{26}\text{O}_8$ , b.p.  $204^\circ/20$  mm.,  $d_4^{20}$  1.0090,  $n_D^{20}$  1.4420 (phenylhydrazone, m.p.  $66.5^\circ$ ), and dilauryl 2-ketopentanoic-1 : 5-dicarboxylate,  $\text{C}_{21}\text{H}_{38}\text{O}_8$ , b.p.  $221.5^\circ/20$  mm.,  $d_4^{20}$  0.9960,  $n_D^{20}$  1.4382 (phenylhydrazone, m.p.  $53.5^\circ$ ). 3-Ketopentanoic-1 : 5-dicarboxylic acid, m.p.  $122^\circ$ , is obtained in the course of preparing the  $\text{Me}$  ester, by addition of aq.  $\text{NaOH}$  before working up. A by-product in the prep. of the dibutyl ester is isopentyl furylacrylate, b.p.  $161.5-162^\circ/20$  mm.,  $d_4^{20}$  1.0215,  $n_D^{20}$  1.0229,  $n_D^{20}$  1.5221.

ZEBERG, E. F.

M. V. LIKHOSHERSTOV, ZhOkh 20, 663-70, 1950

*BC*

*a-3*

Atomic equilibria in hydrocarbon molecules  
of the CH<sub>3</sub>C-CH<sub>3</sub>R series. E. F. Zaitseva (J. Gen.  
Chem. Russ., 1965, 8, 1016-1019). —α-Dibromo-  
γ-phenylpropane and KOH at 100–120°, with or  
without EtOH, afford OPNOMe and traces of  
CH<sub>3</sub>Ph-CH=CH<sub>2</sub>. R. T.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

BC
2-3

DETERMINATION OF POLYMERIZABLE ALCOHOLS AND THE PRODUCTS OF THE  
REACTION OF POLYMERIZABLE ALCOHOLS WITH E. F. ZIEGLER (J. Gen. Chem. Russ.,  
1940, 10, 1000) AND POLYMERIZATION OF (CF<sub>3</sub>)<sub>2</sub>CH-OH by various  
agents leads to polymers (C<sub>2</sub>H<sub>5</sub>)<sub>n</sub> of (CF<sub>3</sub>)<sub>2</sub>CH-OH, and dehydra-  
tion of (CF<sub>3</sub>)<sub>2</sub>CH-OH gives the corresponding tetramer.  
The polymerization is discussed. Mpt. nbs. are determined  
cryoscopically.

(CF<sub>3</sub>)<sub>2</sub>CH-OH (100 ml.), 10% H<sub>2</sub>SO<sub>4</sub> (100 ml.), EtOH (60 ml.), and  
a trace of quinol (100 ml.) give a solid (C<sub>2</sub>H<sub>5</sub>)<sub>n</sub>, m.p.  
122°, 124° (decamp.). Similar treatment with 65% H<sub>2</sub>SO<sub>4</sub> and frac-  
tional dist. of the product from EtOH by EtOH gives polymers  
(C<sub>2</sub>H<sub>5</sub>)<sub>n</sub> (n = 4, 5, 6, 7, 8, 9, 10, 11). The use of H<sub>2</sub>SO<sub>4</sub> results  
in A (n = 4 and 6), of H<sub>2</sub>PO<sub>4</sub> in C (n = 4 and 6), of p-C<sub>6</sub>H<sub>4</sub>SO<sub>3</sub>H  
in products A (n = 4 and 6). The chain length increases on heating in a  
desiccator over H<sub>2</sub>SO<sub>4</sub> or CaCl<sub>2</sub>. Dehydration of A with H<sub>2</sub>SO<sub>4</sub> or  
CrO<sub>3</sub> gives an acid, C<sub>2</sub>H<sub>5</sub>CO<sub>2</sub>H, higher products, and EtOH. Di-  
(phenylmethyl)-n-butylcarbamate, m.p. 65°, from (CF<sub>3</sub>)<sub>2</sub>CH-OH, MgEtBr,  
and n-C<sub>4</sub>H<sub>9</sub>CO<sub>2</sub>H, on dehydration with H<sub>2</sub>SO<sub>4</sub> gives polymers,  
(C<sub>2</sub>H<sub>5</sub>)<sub>n</sub>, n = 4 and 6. E. A. B.

ASB-ELA METALLURGICAL LITERATURE CLASSIFICATION

SYMBOLS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00
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SYMBOLS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00
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13C

A-2  
1

Fused derivatives. II. Synthesis and properties of esters of  $\gamma$ -ketopentanoic (5-ketopentanoic-1 : 5-dicarboxylic) acid. M. V. Likhoshchertov, R. P. Zeborg, and A. V. Karitskaya (J. gen. Chem. USSR, 1960, 30, 833-840 [U.S. transl., 671-675]).—Ring-closure of furylacrylic acid to  $\text{CO}_2\text{CH}_2\text{CH}_2\text{CO}_2\text{R}$  by gaseous HCl is independent of the alcoholic solvent used. The acid is first esterified, and more HCl then breaks the ring; if insufficient HCl is used, some of the furylacrylate is recovered, but too great an excess of HCl causes resinification.

Passing HCl (from 15 g. of  $\text{NH}_4\text{Cl}$ ) through a solution of furylacrylic acid, m.p. 140-141° (15 g.) in  $\text{Pr}^n\text{OH}$  (35 g.) at 70° for 30 min., boiling (2 hr.), removing solvent, and washing with aq.  $\text{Na}_2\text{CO}_3$  afford  $\text{Pr}^n$  5-ketopentanoate-1 : 5-dicarboxylate,  $\text{C}_{11}\text{H}_{16}\text{O}_6$  (22.5 g.), b.p. 201°/20 mm.,  $d_{20}^{25}$  1.0441,  $n_D^{25}$  1.4443 (phenylhydrazones, m.p. 84°). Analogously prepared are the esters:  $\text{Me}$ ,  $\text{C}_{10}\text{H}_{14}\text{O}_6$ , m.p. 84° (phenylhydrazone, m.p. 84°),  $\text{Et}$ ,  $\text{C}_{11}\text{H}_{16}\text{O}_6$ , b.p. 182°/20 mm.,  $d_{20}^{25}$  1.0438,  $n_D^{25}$  1.4442 (phenylhydrazone, m.p. 84°),  $\text{Bu}^n$ ,  $\text{C}_{14}\text{H}_{20}\text{O}_6$ , b.p. 210°/20 mm.,  $d_{20}^{25}$  1.0179,  $n_D^{25}$  1.4444 (phenylhydrazone, m.p. 83°),  $\text{Bu}^t$ ,  $\text{C}_{15}\text{H}_{22}\text{O}_6$ , b.p. 203°/20 mm.,  $d_{20}^{25}$  1.0090,  $n_D^{25}$  1.4420 (phenylhydrazone, m.p. 83°), and  $\text{dilauryl}$ ,  $\text{C}_{25}\text{H}_{40}\text{O}_6$ , b.p. 221.5°/20 mm.,  $d_{20}^{25}$  0.9088,  $n_D^{25}$  1.4482 (phenylhydrazone, m.p. 83.5°). 3-Ketopentanoic-1 : 5-dicarboxylic acid, m.p. 142°, is obtained in the course of preparing the  $\text{Me}$  ester, by addition of aq. NaOH before working up. A by-product in the prep. of the  $\text{dilauryl}$  ester is  $\text{isopentyl}$  furylacrylate, b.p. 161.5-162.5°/20 mm.,  $d_{20}^{25}$  1.0215,  $d_{20}^{25}$  1.0220,  $n_D^{25}$  1.5221. R. S. Braun.

BLOK. V.M. (Riga); ZEBERG, R.E. (Riga); GUSEVA, S.A. (Riga)

Choice of optimum wire and cable sizes taking into account  
economic sizing intervals. Elektrichestvo no.5:13-16 My '64.  
(MIRA 17:6)

ZEBERG, V. [Zebergs, V.]

Conference on prospects and tasks in the development of a liquefied gas  
supply for household and industrial use. Vestis Latv ak no.9:181-182  
'60. (BEAI 10:9)

(Gas)

ZEBBERG, Ye.; BYDUK, Yu.; REYNIS, V.

Some methods of petrographic examination applied to the study of glazes. Nauch.dokl.vys.shkoly; khim.i khim.tekh. (MIRA 12:5)  
no.1:177-180 '59.

1. Predstavlena kafedroy tekhnologii silikatov Latviyskogo gosudarstvennogo universiteta im. Patra Stuchki.  
(Glazes)

ZAL'KIND, Yu. S. and ZEBERG, Ye. E.

"The Dehydration of Alcohols having Two Triple Bonds, and the Products of this Reaction,"

Zhur. Obshch. Khim., 10, No. 19-20, 1940.

Laboratory of Organic Chemistry, Leningrad  
Chemico-Technological Institute

Received 13 June 1940

Report U-1612, 3 Jan. 1952

ZEBERG, G. E.

27325. ZEBERG, G. E. - Protiv reaktsionnykh biologicheskikh teoriy v meditsine.  
V SB: Nauch. Sessiya (Akad. Nauk eston. SSR, otd-nie med. Nauk)  
10-11 dek. 1948 G. Tema: Tuberkulez i revmatizm. Tartu, 1949, S. 10-27.  
--Na eston. yaz--rezyume na rus. Yaz.

SO: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949

ZEBERG, G. E.

Zoberg, G. E. - "Molekulin biology on the basis of medical science." In symposium:  
Nauch. sessiya po voprosam biologii 20-21 okt. 1948 g. (Akad. Nauch. Eston. SSR), Tartu,  
1948, p. 169-91 - In Estonian language - Resume in Russian

SO: U-3600, 10 July 53. (Letopis 'Zhurnal 'nykh Statey, No. 6, 1949).

ZEBERG, T. E.

27368. ZEBERG, T. E. Nervnaya sistema v patogeneze tuberkuleza. V sb: Nauch. sessiya (Akad. Nauk Eston. SSR, OTD-MIYE Med. Nauk) 10-11 Dek. 1948 G. Tema: Tuberkulez i revmatizm. Tartu, 1949, s. 42-54.- Na eston. Yaz--rezyume na rus. Yaz.

SO: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949

15(2)

SOV/156-59-1-46/54

AUTHORS:

Zebergs, E., Eiduks, J., Reinis, V.

TITLE:

Some Methods of Petrographic Research in Application to the Investigation of Glazes (Nekotoryye metody petrograficheskogo issledovaniya v primenenii k izucheniyu glazurey)

PERIODICAL:

Nauchnyye doklady vysshey shkoly. Khimiya i khimicheskaya tekhnologiya, 1959, Nr 1, pp 177 - 180 (USSR)

ABSTRACT:

For the investigation of the interaction between glaze and body polishes were made vertically to the surface of the glaze and investigated in a polarization microscope with a lateral screening of the field of vision. By this method details and flaws that are not noticeable in ordinary light are clearly revealed (Figure). The refraction indices found by means of the immersion method (Table) also numerically proved these flaws. In flawless glazes with a constant course of the refraction index the intensity of the interaction (of the metamorphic layer) between glaze and body cannot be detected. In this case, flat slabs are sawed from the body vertically to the glaze. One side of the slab is polished and put into a 1%-solution of rhodamine B for 24 hours. After washing and

Card 1/2

Some Methods of Petrographic Research in Application  
to the Investigation of Glazes

SCV/106-53-1-46/54

drying, such polished sections, under a binocular microscope, clearly show different color zones which can easily be measured micrometrically. Some glazes on faience bodies do not reveal any zones even after an application of this method. In this case, the body is covered with only a thin strip of glaze, polished after firing, and superficially stained with rhodamine B. Under the microscope the glaze intrusion into the body can be seen and measured. The microscopic photographs obtained by means of the procedures specified are given. There are 4 figures, 1 table, and 6 references, 4 of which are Soviet.

ASSOCIATION: Kafedra tekhnologii silikatov Latviyskogo gosudarstvennogo universiteta im. Petra Stuchki (Chair of the Technology of Silicates of Latvian State University named Petr Stuchka)

SUBMITTED: June 16, 1958

Card 2/2

MORZYCKA, M.; GEORGIADIS, J.; ZEBEK, M.

Effect of protein and carbohydrate fractions of *Salmonella typhi* strain Vi-Bathnagar on diffusion rate of anti-Vi bacteriophage.  
Bull. Inst. Marine Trop. M.Gdańsk 6:143-160 1955.

1. Z Państwowego Instytutu Medycyny Morskiej i Tropikalnej w Gdańsku.

(*SALMONELLA*, *TYPHOSA*,

Vi-Bathnagar Strain, eff. of protein & carbohydrate fractions on anti-Vi bacteriophage diffusion)

(*BACTERIOPHAGE*,

anti-Vi, eff. of *Salmonella typhosa* Vi-Bathnagar protein & carbohydrate fractions on diffusion rate)

ZEBIC, Stjepan, inz.

Possibilities of using the phenol resins. Kemija u industriji  
no.5:293-294 My '62.

1. Chromos, Zagreb.

ZEBIC, Stjepan, inz.

Possibilities of utilizing phenolaldehyde plastic materials. Kem  
ind 11 no.12:731-736 D '62.

1. "Chromos", Zagreb.

ZEBIC, S., ing.

Technological properties of thermoreactive masses for  
pressing. Kem ind 10 no.8:210-216 Ag '61.

1. "Chromos", Zagreb.